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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/568,017	02/10/2006	Jacobus Hubertus Anna Selen	NL031000	2283

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EXAMINER

HOLLWEG, THOMAS A

ART UNIT	PAPER NUMBER
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2879

MAIL DATE	DELIVERY MODE
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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/568,017	Applicant(s) SELEN ET AL.	
	Examiner Thomas A. Hollweg	Art Unit 2879	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 February 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 February 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Roznerski, U.S. Patent No. 5,140,222.

3. With regard to claim 1, in figure 1, Roznerski discloses a discharge lamp, comprising: a sealed lamp vessel (1) having a vessel wall enclosing a discharge space in which an ionisable filling is present (col. 5, lines 8-10, wherein the lamp vessel (1) has two extended plugs (2, 2'); and two electrodes (3, 3', 4, 4'), wherein one part (4, 4') of each electrode extends in an aperture in a respective plug (2, 2'), wherein another part (3, 3') of each electrode extends in the discharge space, and wherein each electrode (3, 3', 4, 4') comprises a slip part (6, 6') having a conical outer surface (col. 5, lines 5-7); wherein an inner surface (10, 10') of the aperture (2, 2') fits closely on the conical outer surface of the slip part (6, 6') of the electrode (3, 3', 4, 4'); and wherein slip between the inner surface (10, 10') of the aperture and the conical outer surface of the slip part (6, 6') of the electrode (3, 3', 4, 4') is allowed (slip part is loosely fitted, col. 4, lines 58-59).

4. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Kanzaki et al., U.S. Patent Application Publication No. 2002/0190654 A1.

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5. With regard to claim 1, in figures 1, 8, & 9(a-c), Kanzaki discloses a discharge lamp (1), comprising: a sealed lamp vessel (10, 11) having a vessel wall enclosing a discharge space in which an ionisable filling is present [0051], wherein the lamp vessel (10, 11) has two extended plugs (11); and two electrodes (2, 3, 4), wherein one part (3, 4) of each electrode (2, 3, 4) extends in an aperture in a respective plug (11), wherein another part (2) of each electrode (2, 3, 4) extends in the discharge space, and wherein each electrode (2, 3, 4) comprises a slip part (end of 2 away from the discharge space) having a conical outer surface (best shown in figs. 9(a) & (b)) [0076]; wherein an inner surface of the aperture fits closely on the conical outer surface of the slip part of the electrode (2, 3, 4); and wherein slip between the inner surface of the aperture and the conical outer surface of the slip part of the electrode (2, 3, 4) is allowed [0054].

6. With regard to claim 2, in figures 1, 8, & 9(a-c), Kanzaki discloses that the electrode (2, 3, 4) comprises a base part (3, 4) and the slip part (end of 2 away from the discharge space) forming an intermediate part (end of 2 away from the discharge space) having the conical outer surface (best shown in figs. 9(a) & (b), wherein the base part (3, 4) is connected to the intermediate part, at a side where the diameter of the intermediate part is the smallest, and wherein only the base part (3, 4) is fixed to the plug [0050].

7. With regard to claim 3, in figures 1, 8, & 9(a-c), Kanzaki discloses that the base part (3, 4) of the electrode (2, 3, 4) has a cylindrical outer surface (electrode portion 4).

8. With regard to claim 4, in figures 1, 8, & 9(a-c), Kanzaki discloses that bonding between the outer surface of the electrode (2, 3, 4) and the inner surface of the aperture

is realized by means of a glass sleeve (inner surface of 11) of which an inner surface fits closely on the outer surface of the base part (3, 4) of the electrode (2, 3, 4), and of which an outer surface fits closely on the inner surface of the aperture [0050].

9. With regard to claim 5, in figures 1, 8, & 9(a-c), Kanzaki discloses that the aperture in the plug (11) comprises a conical section (best shown in figs. 9(a) & (b)) having a conical inner surface for receiving the intermediate part (end of 2 away from the discharge space) of the electrode (2, 3, 4), and a cylindrical section (portion of 11 around electrode portion 4) having a cylindrical inner surface for receiving the base part (3, 4) of the electrode (2, 3, 4).

10. With regard to claim 6, in figures 1, 8, & 9(a-c), Kanzaki discloses that the electrode (2, 3, 4) comprises a top part (end of 2 in the discharge space) and an intermediate part (end of 2 away from the discharge space) having a conical outer surface (best shown in figs. 9(a)-(b)), wherein the top part is connected to the intermediate part of the electrode (2, 3, 4), at a side where the diameter of the intermediate part is the largest (best shown in figs. 9(a)-(b)).

11. With regard to claim 7, in figures 1, 3, 8, & 9(a-c), Kanzaki discloses that the top part (end of 2 in the discharge space) has a cylindrical outer surface.

Conclusion

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas A. Hollweg whose telephone number is (571) 270-1739. The examiner can normally be reached on Monday through Friday 7:30am-5:00pm E.S.T..

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13. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

14. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TH/

/Nimeshkumar Patel/
Supervisory Patent Examiner, Art Unit 2879